

What is claimed is:

1. A socket tool for connection and communication of application layer software, being embodied in form of coded codes, which are executed in a computer for its inside application layer software to call to connect and communicate with that of another computer under regulations of the Transmission Control Protocol (TCP), wherein the socket tool comprises a set of socket control codes for TCP network connection based on the Transmission Control Protocol.
2. The socket tool according to claim 1, further comprising a set of value-incremental codes for dealing with data to be transmitted by the application layer software.
3. The socket tool according to claim 1, wherein the set of socket control codes comprises at least a "SAccept" code, a "SClose" code, a "SConnect" code, a "SGetData" code, a "SListen" code, a "SSendData" code, a "SGetFileName" code, a "SSendFile" code, a "SConnectionRequest" code, a "SDataArrival" code, a "SError" code, a "SSendComplete" code, a "SFileArrival" code, and a "ConectionTimeOut" code.
4. The socket tool according to claim 2, wherein the set of value-incremental codes includes at least an encryption code and a decryption code.
5. The socket tool according to claim 2, wherein the set of value-incremental codes includes at least a compression code and a decompression code.
6. The socket tool according to claim 1, wherein the application layer software is a SQL database software.
7. The socket tool according to claim 1, wherein the application layer software is an application software for downloading files.
8. The socket tool according to claim 7, wherein a downloaded file is a MP3 song

- 2 file, a GIF format picture file, a JPG format picture file, or a moving picture
- 3 format file.
- 1 9. The socket tool according to claim 1, wherein the application layer software is a
- 2 chat application software.